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PATENT AND TRADEMARK OFFICE

05/31/01

jc987 U.S. PRO

**PATENT APPLICATION  
TRANSMITTAL LETTER  
UNDER 37 C.F.R. 1.53(b)**

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Address to:  
Assistant Commissioner for Patents  
Washington D.C. 20231  
Box Patent Application

Transmitted herewith for filing is the patent application of

Inventor(s): **Marcel F.C. SCHEMMANN, Zoran MARICEVIC,  
Antoniye R. DJORDJEVIC and Darby RACEY**

For : **METHOD AND SYSTEM FOR A POLARIZATION MODE  
DISPERSION TOLERANT OPTICAL HOMODYNE DETECTION  
SYSTEM WITH OPTIMIZED TRANSMISSION MODULATION**

Enclosed are:

1. 20 sheets of specification, 15 sheets of claims, and 1 sheet of abstract.
2. 10 sheets of drawings.
3. Declaration and Power of Attorney
4. ✓ Assignment from the inventors to TERADVANCE COMMUNICATIONS, LLC with recordation cover sheet.
5. Applicant is entitled to small entity status.
6. The filing fee has been calculated as shown below:

Express Mail No: EL244502735US

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## EXPRESS MAIL CERTIFICATE

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Method And System For A Polarization Mode  
Dispersion Tolerant Optical Homodyne Detection  
System with Optimized Transmission Modulation

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